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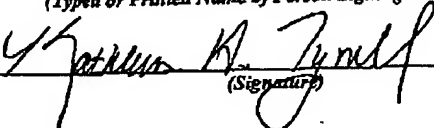
August 3, 2005

TO: Examiner Ware (TC1600)**GROUP: 1651****FAX NUMBER: 703-872-9306****ATTORNEY DOCKET NO.: UT-0033****SERIAL NO.: 10/009,455****FILED: April 19, 2002****NUMBER OF PAGE: 12****MESSAGE:** Attached please find Amendment Transmittal Letter; Reply to the Office Action mailed May 4, 2005; and Certificate of Transmission by Facsimile.**Kathleen A. Tyrrell, Registration No. 38,350****URGENT! PLEASE DELIVER IMMEDIATELY
UPON RECEIPT. THANK YOU!**

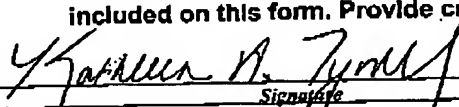
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| | | | |
|---|-------------------------------|-----------------------------|------------------------|
| CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8) | | | Docket No. UT-0033 |
| Applicant(s): Mujtaba and Rao | | | |
| Application No. 10/009,455 | Filing Date April 19, 2002 | Examiner Deborah K. Ware | Group Art Unit 1651 |
| Invention: LINEAGE-RESTRICTED PRECURSOR CELLS ISOLATED FROM MOUSE NEURAL TUBE AND MOUSE EMBRYONIC STEM CELLS | | | |
| RECEIVED CENTRAL FAX CENTER AUG 03 2005 | | | |
| I hereby certify that this <u>Reply under 37 CFR 1.111</u> (Identify type of correspondence) | | | |
| is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>703-872-9306</u>) | | | |
| on <u>August 3, 2005</u> (Date) | | | |
| Kathleen A. Tyrrell (Typed or Printed Name of Person Signing Certificate) | | | |
|  (Signature) | | | |
| Note: Each paper must have its own certificate of mailing. | | | |

F15/REV02

| | | | | | |
|--|--------------------------------------|------------------------------------|--|-------------------------------|---------------------------------|
| AMENDMENT TRANSMITTAL LETTER (Small Entity) | | | | Docket No. UT-0033 | |
| Applicant(s): Mujtaba and Rao | | | | | |
| Application No. 10/009,455 | Filing Date April 19, 2002 | Examiner Deborah K. Ware | Customer No. 26259 | Group Art Unit 1651 | Confirmation No. 1827 |
| Invention: LINEAGE-RESTRICTED PRECURSOR CELLS ISOLATED FROM MOUSE NEURAL TUBE AND MOUSE EMBRYONIC STEM CELLS | | | | | |
| COMMISSIONER FOR PATENTS: | | | | | |
| Transmitted herewith is an amendment in the above-identified application. | | | | | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | | | | | |
| The fee has been calculated and is transmitted as shown below. | | | | | |
| CLAIMS AS AMENDED | | | | | |
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST # PREV. PAID FOR | NUMBER EXTRA CLAIMS PRESENT | RATE | ADDITIONAL FEE |
| TOTAL CLAIMS | 1 - | 20 = | 0 | x \$25.00 | \$0.00 |
| INDEP. CLAIMS | 1 - | 3 = | 0 | x \$100.00 | \$0.00 |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | \$0.00 |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | | | | | \$0.00 |
| <input checked="" type="checkbox"/> No additional fee is required for amendment. | | | | | |
| <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ | | | | | |
| <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. | | | | | |
| <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1619 | | | | | |
| <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. | | | | | |
| <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. | | | | | |
| <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. | | | | | |
| WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | |
|  _____ Signature Kathleen A. Tyrrell, Reg. No. 38,350 | | | Dated: August 3, 2005 | | |
| cc: | | | <div>I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____</div> <div>(Date)</div> <div>_____ Signature of Person Mailing Correspondence</div> <div>_____ Typed or Printed Name of Person Mailing Correspondence</div> | | |

P115SMALL/REV09

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: UT-0033
Inventors: Mujtaba and Rao
Serial No.: 10/009,455
Filing Date: April 19, 2002
Examiner: Ware, Deborah K.
Customer No.: 26259
Group Art Unit: 1651
Confirmation No.: 1827
Title: Lineage-Restricted Precursor Cells
Isolated from Mouse Neural Tube and
Mouse Embryonic Stem Cells

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I hereby certify that this document is being facsimile
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the date shown below.

On August 3, 2005


Kathleen A. Tyrrell, Registration No. 38,358

Mail Stop
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Reply under 37 C.F.R. 1.111

This is a reply to the Office Action mailed May 4, 2005
setting a three (3) month statutory period for response.
Please enter the following amendments and remarks into the
record.

Amendments to the Specification begin on page 3.

Attorney Docket No.: UT-0033
Inventors: Mujtaba et al.
Serial No.: 10/009,455
Filing Date: April 19, 2002
Page 2

Amendments to the Claims begin on page 4.

Remarks begin on page 5.